

PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT (PCT Article 36 and Rule 70)

REC'D 12 OCT 2004

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| Applicant's or agent's file reference 11048P1 WO/JCM | FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/PEA/416) | |
| International application No. PCT/GB 03/02653 | International filing date (day/month/year) 20.06.2003 | Priority date (day/month/year) 21.06.2002 |
| International Patent Classification (IPC) or both national classification and IPC C11D17/04 | | |
| Applicant RECKITT BENCKISER (UK) LIMITED et al | | |

- This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
- This REPORT consists of a total of 4 sheets, including this cover sheet.
 - ☒ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 2 sheets.

- This report contains indications relating to the following items:
 - I ☒ Basis of the opinion
 - II ☐ Priority
 - III ☒ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
 - IV ☐ Lack of unity of invention
 - V ☒ Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
 - VI ☐ Certain documents cited
 - VII ☐ Certain defects in the international application
 - VIII ☐ Certain observations on the international application

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| Date of submission of the demand 21.01.2004 | Date of completion of this report 13.10.2004 |
| Name and mailing address of the International preliminary examining authority:  European Patent Office - P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Tx: 31 651 epo nl Fax: +31 70 340 - 3016 | Authorized Officer Grittern, A Telephone No. +31 70 340-2459  |

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. **PCT/GB 03/02653**

I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

Description, Pages

1-14 as originally filed

Claims, Numbers

1-11 received on 07.07.2004 with letter of 05.07.2004

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
☐ the language of publication of the international application (under Rule 48.3(b)).
☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority in written form.
☐ furnished subsequently to this Authority in computer readable form.
☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
☐ the claims, Nos.:
☐ the drawings, sheets:

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. **PCT/GB 03/02653**

III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:
- ☐ the entire international application;
 - ☒ claims Nos. 11
because:
 - ☐ the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (specify):
 - ☐ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. are so unclear that no meaningful opinion could be formed (*specify*):
 - ☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.
 - ☒ no international search report has been established for the said claims Nos. 11
2. A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:
- ☐ the written form has not been furnished or does not comply with the Standard.
 - ☐ the computer readable form has not been furnished or does not comply with the Standard.

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

| | | |
|-------------------------------|-------------|------|
| Novelty (N) | Yes: Claims | 1-10 |
| | No: Claims | |
| Inventive step (IS) | Yes: Claims | 1-10 |
| | No: Claims | |
| Industrial applicability (IA) | Yes: Claims | 1-10 |
| | No: Claims | |

2. Citations and explanations

see separate sheet

Re Item III

Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

Neither novelty nor inventive step can be acknowledged for the subject-matter of claim 11 (rule 6.2a PCT)

Re Item V

Reasoned statement under Article 35 (2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Cited Documents

Reference is made to the following documents:

D1: EP317897
D2: GB1067462
D3: US5141803
D4: GB2328451
D5: RU2068864

2. The subject-matter of claim 1 seems to be novel because none of the cited documents discloses a moist wipe pre-moistened with a liquid composition comprising 0.01 %-5 % of a paraffin wax and water in an amount of 50 % to 98 % and which comprises less than 0.5 % of silicone compounds.

Thus the present application meets the requirements of article 33 (2) PCT.

3. The problem to be solved by the present application may be seen in to prevent staining of surfaces caused by contact with water. This is achieved by the subject-matter of claim 1.

D1 which can be seen as closest prior art discloses a cleaning and polishing composition comprising about 70 % of water and 2.5 % of a montan ester wax. The subject-matter of claim 1 therefore differs from this known D1 in that a paraffin wax is used.

Neither in **D1** nor in the other cited documents any hint can be found that compositions as put forward in claim 1 of the present application prevent staining of surfaces caused by contact with water.

Therefor the subject-matter of claim 1 involves an inventive step (Article 33 (3) PCT). Consequently dependent claims 2-10 are also inventive.

CLAIMS

1. A moist wipe for cleaning a wooden surface, the wipe comprising a sheet material pre-moistened with a liquid composition, being an aqueous emulsion comprising from 0.01 to 5% of a paraffin wax, no silicone compounds or silicone compounds in an amount of less than 0.5% and water in an amount of 50% to 98% in each case by weight of the total weight of the liquid composition.
2. A moist wipe as claimed in Claim 1 wherein the wax is present in the composition in an amount of between 0.1% to 3% by weight of the total weight of the liquid composition.
3. A moist wipe as claimed in any preceding claim wherein the liquid composition includes, as a carrier and/or a cleaner, an aliphatic C₁ to C₄ alcohol.
4. A moist wipe as claimed in any preceding claim wherein the sheet material comprises a porous, absorbent, non-woven fibrous material.
5. A moist wipe as claimed in any preceding claim wherein the loading of the liquid composition on the wipe is in the range 30 to 150gm⁻².
6. A packaged product comprising a substantially airtight container having a resealable opening and a wipe as claimed in any preceding claim.
7. Use of a wipe as claimed in any of Claims 1 to 5 for cleaning a surface.

8. A method of manufacturing a wipe as claimed in any of Claims 1 to 5, the method comprising the steps of providing a sheet material and moistening the sheet material with the liquid composition.

9. A method as claimed in Claim 8 wherein a supply roll of sheet material is unwound to provide a continuously moving web of material.

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10. A method as claimed in Claim 9 wherein the web of the material is slit to form perforated tear zones, or individual wipes in the form of a stack.

11. A moist wipe, packaged product, method of manufacturing a wipe or of using a wipe, in each case substantially as described herein.